		X .
	Application No.	Applicant(s)
	09/891,214	KATÓ ET AL.
Notice of Allowability	Examiner	Art Unit
	Kevin Quinto	2826
The MAILING DATE of this communication of the co	RITS IS (OR REMAINS) CLOSED in OL-85) or other appropriate committee in the committee in th	n this application. If not included unication will be mailed in due course. THIS
. X This communication is responsive to 31 December	<u>2003</u> .	
☑ The allowed claim(s) is/are <u>1-6</u> .	NA	THAN J. FLYNN
\mathbb{R} . $igotimes$ The drawings filed on <u>26 June 2001</u> are accepted b	ov the Examiner	DRY PATENT EXAMINER DLOGY CENTER 2800
l. ☑ Acknowledgment is made of a claim for foreign pr a) ☑ All b) ☐ Some* c) ☐ None of the:	• • • • • • • • • • • • • • • • • • • •	
1. Certified copies of the priority documen	nts have been received.	
2. Certified copies of the priority document	nts have been received in Application	on No
3. Copies of the certified copies of the price	ority documents have been receive	ed in this national stage application from the
International Bureau (PCT Rule 17.2(a))).	
* Certified copies not received:		
Applicant has THREE MONTHS FROM THE "MAILING noted below. Failure to timely comply will result in ABANTHIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	NDONMENT of this application.	e a reply complying with the requirements
5. A SUBSTITUTE OATH OR DECLARATION must b INFORMAL PATENT APPLICATION (PTO-152) wh		
5. CORRECTED DRAWINGS (as "replacement sheet	s") must be submitted.	
(a) ☐ including changes required by the Notice of Dra	aftsperson's Patent Drawing Revie	w (PTO-948) attached
1) hereto or 2) to Paper No./Mail Date	·	
(b) ☐ including changes required by the attached Example Paper No./Mail Date	aminer's Amendment / Comment o	r in the Office action of
Identifying indicia such as the application number (see 3) each sheet. Replacement sheet(s) should be labeled as s	` ''	,
. DEPOSIT OF and/or INFORMATION about the attached Examiner's comment regarding REQUIRE	-	
, , , , , , , , , , , , , , , , , , ,		
Attachment(s) Notice of References Cited (PTO-892)	5. ☐ Notice of Ir	nformal Patent Application (PTO-152)

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	U.S.	Patent and Trademark Of	fice
	PT	OL-37 (Rev. 1-04)	

of Biological Material

2.
Notice of Draftperson's Patent Drawing Review (PTO-948)

Paper No./Mail Date <u>26 June 2001</u>
4. Examiner's Comment Regarding Requirement for Deposit

3. Information Disclosure Statements (PTO-1449 or PTO/SB/08),

6. Interview Summary (PTO-413),

9. Other _____.

Paper No./Mail Date ____.

7. Examiner's Amendment/Comment

8. X Examiner's Statement of Reasons for Allowance

Art Unit: 2826

DETAILED ACTION

Allowable Subject Matter

- 1. Claims 1-6 are allowed.
- 2. The following is an examiner's statement of reasons for allowance: the examiner is unaware of a semiconductor device with a ferroelectric memory cell wherein the drain of a first transistor is coupled to the floating gate (beneath the ferroelectric layer) of a second transistor while the source region of the first transistor is coupled to the well region of the second transistor.
- 3. Tani (USPN 6,459,110 B1) discloses a semiconductor device with a ferroelectric memory cell. Although one of the transistors is coupled to a ferroelectric capacitor, the other transistor is directly coupled to the sense amplifier and the data readout drive section. Thus Tani does not disclose the applicant's device.
- 4. Haneder et al. (United States Patent Application Publication 2001/0038117 A1) discloses another ferroelectric memory cell in figure 6. Such as Tani above, Haneder lacks the distinct configuration described by the applicant with regard to the ferroelectric device. Therefore Haneder does not teach the applicant's invention.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kevin Quinto whose telephone number is (571) 272-1920. The examiner can normally be reached on M-F 8AM-5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan Flynn can be reached on (571) 272-1915. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

KVQ